

FIG. 1

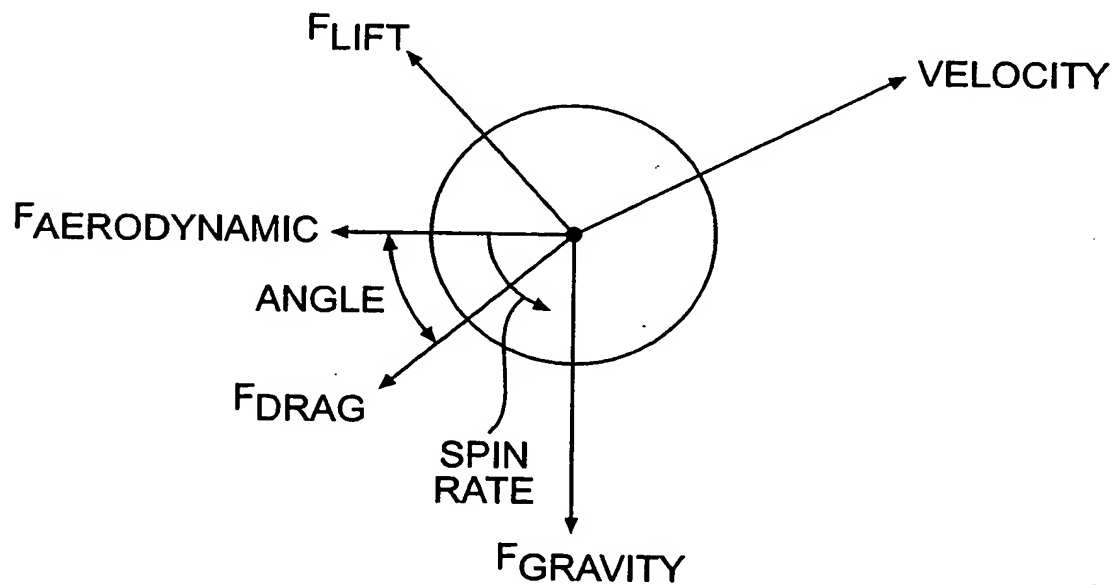


FIG. 2

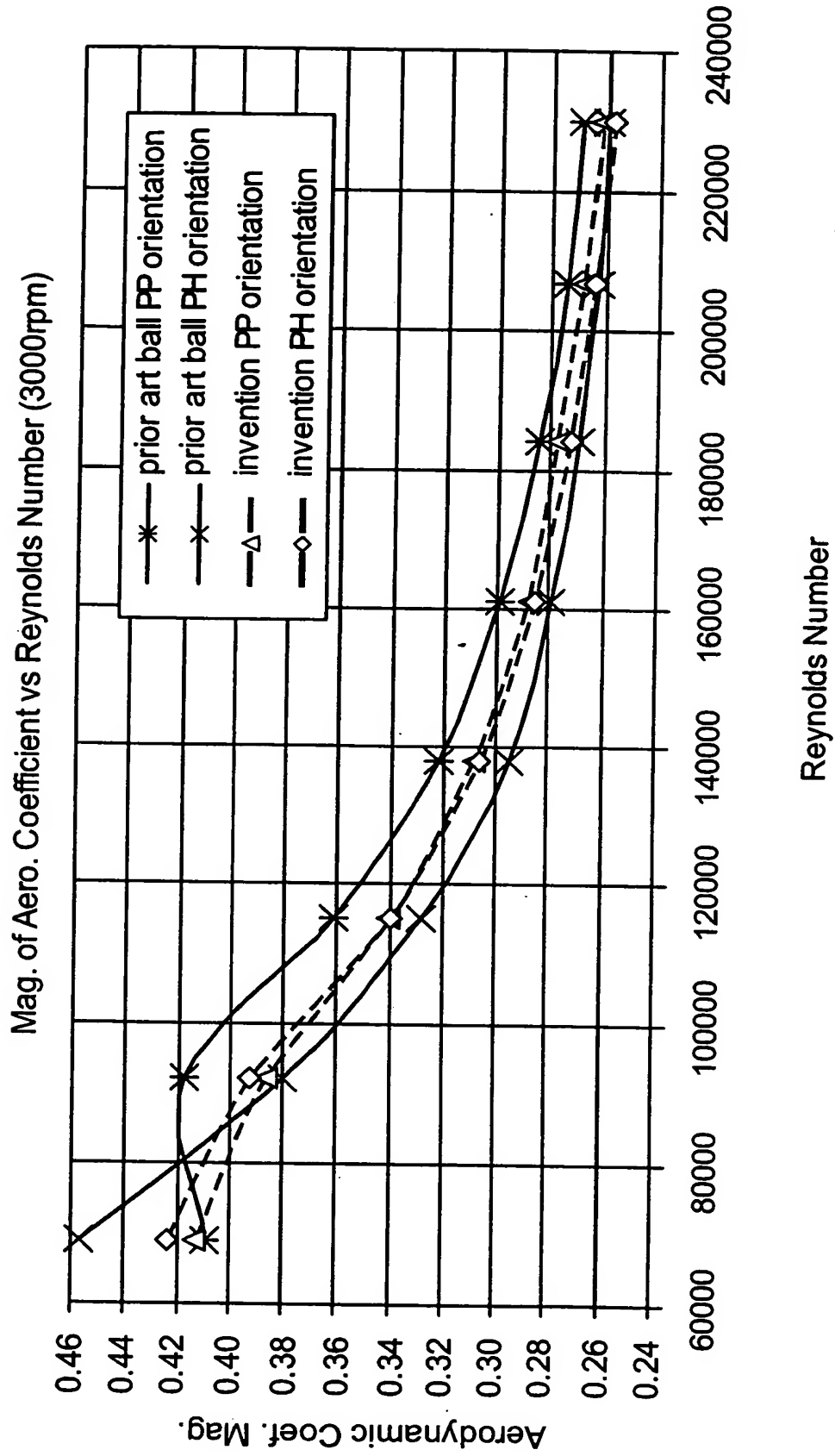


FIG. 3

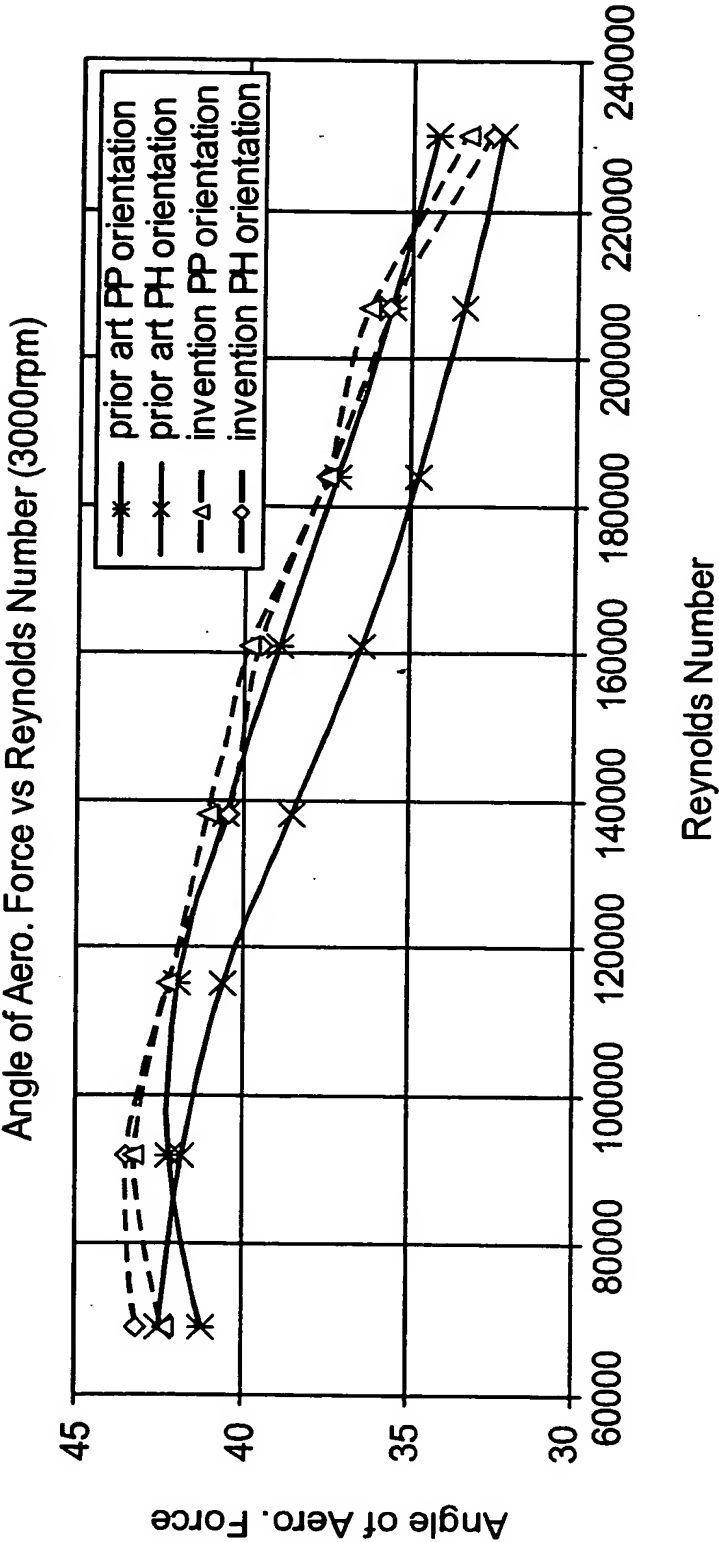


FIG. 4

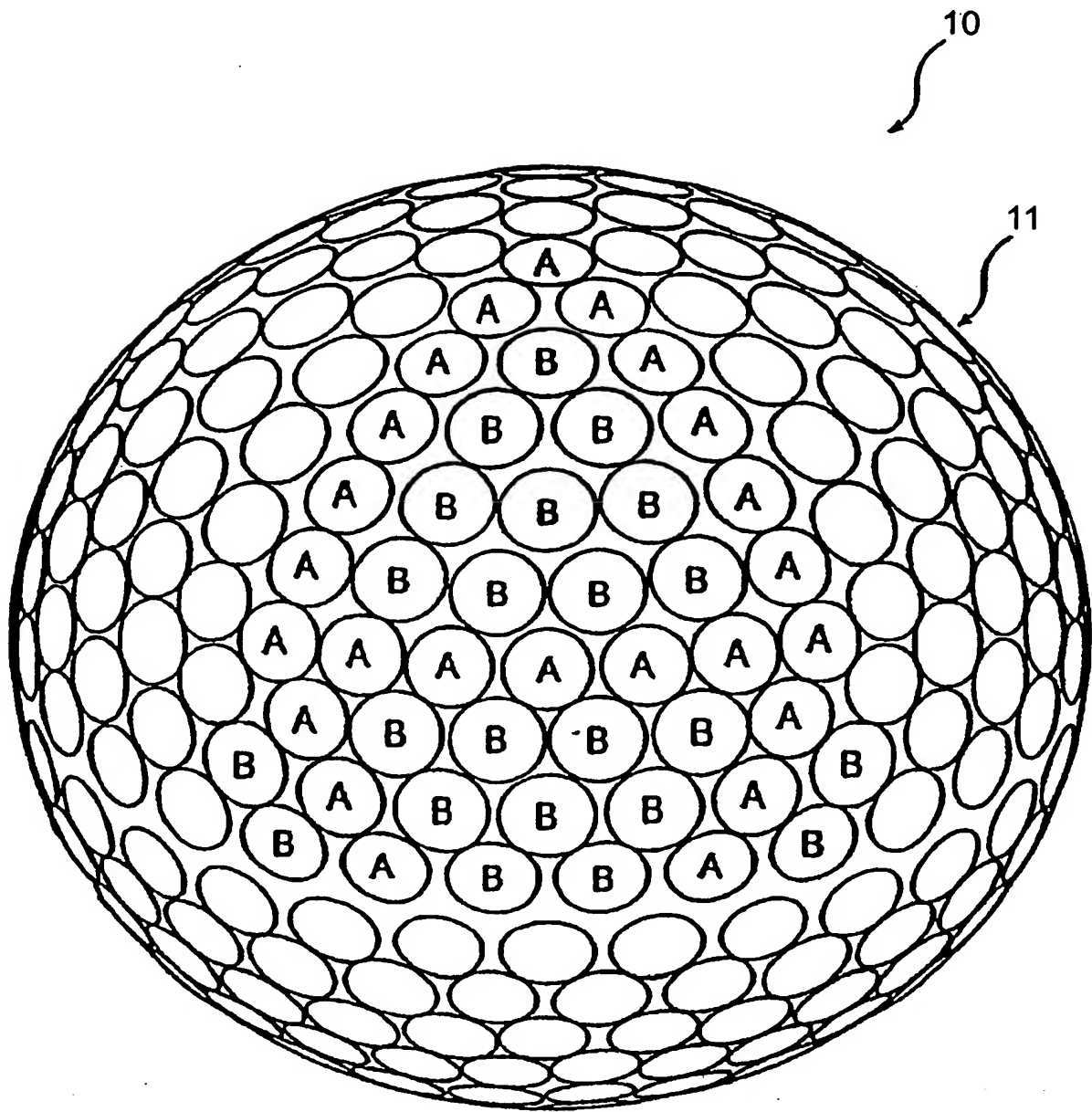


FIG. 5
PRIOR ART

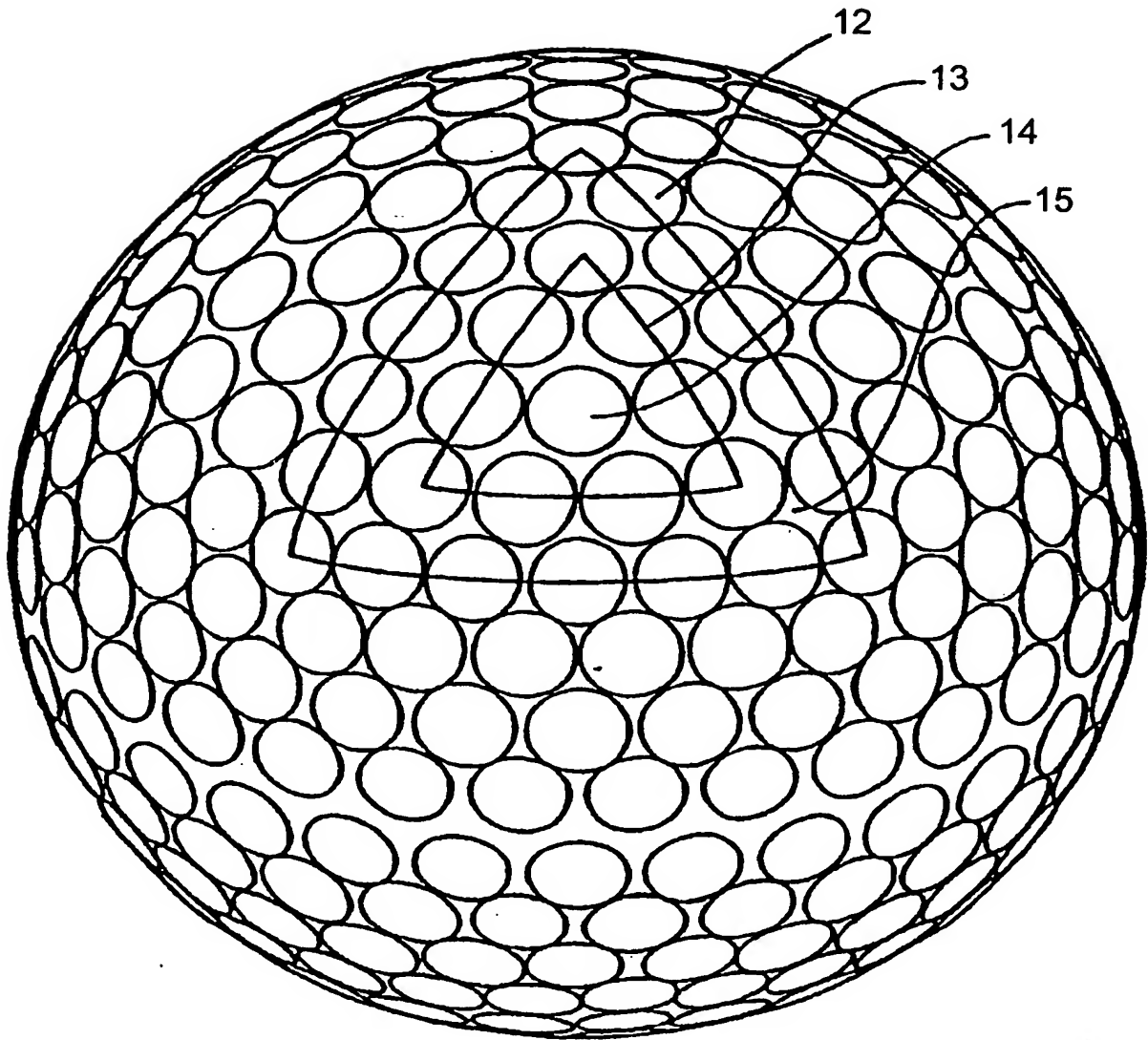


FIG. 6
PRIOR ART

$D_A < D_B \leq D_C \leq D_D \leq D_E$
 $80\% D_A, D_B, D_C, D_D, D_E > 0.11"$
 DIMP. AREA > 80%

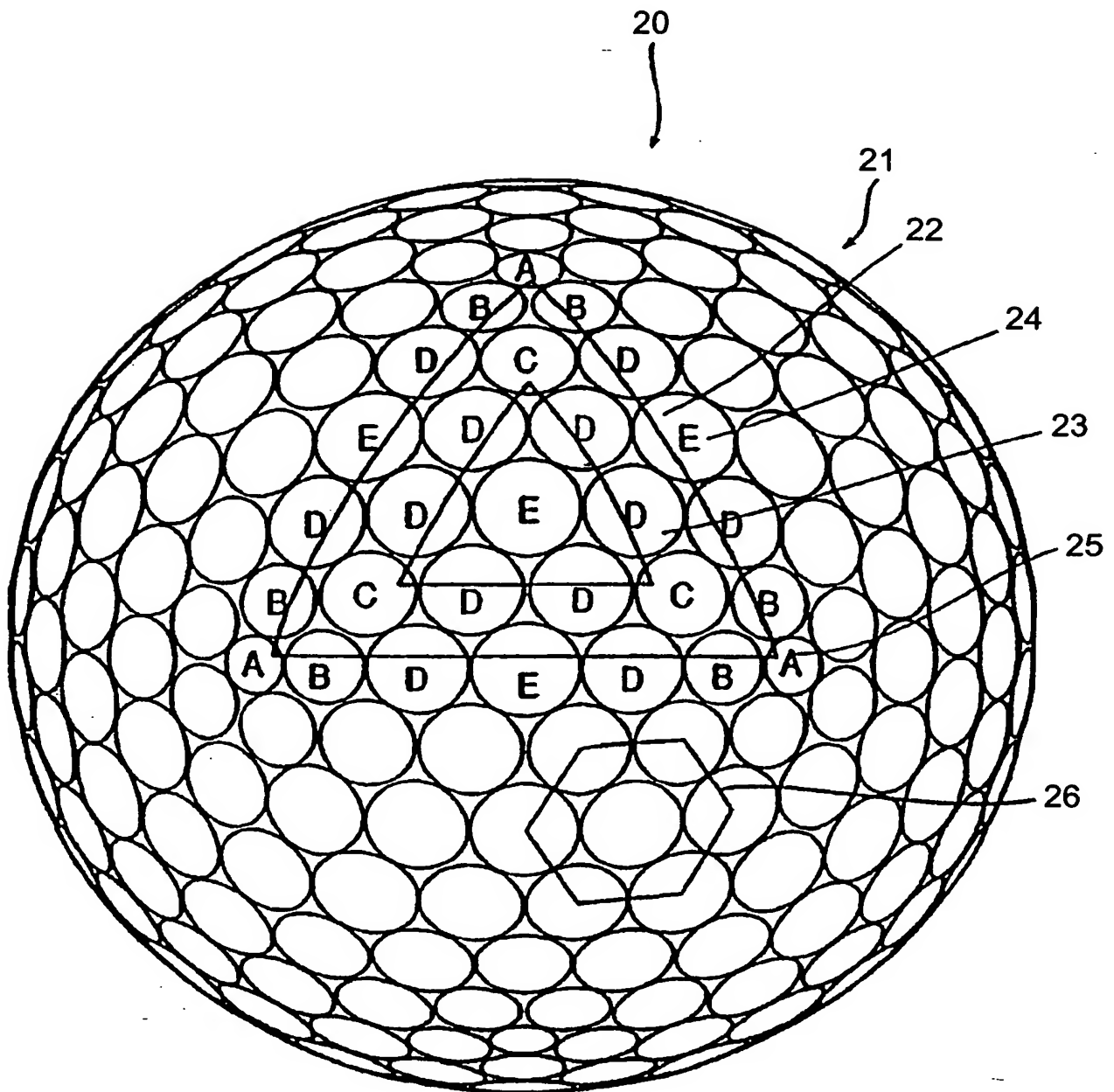


FIG. 7

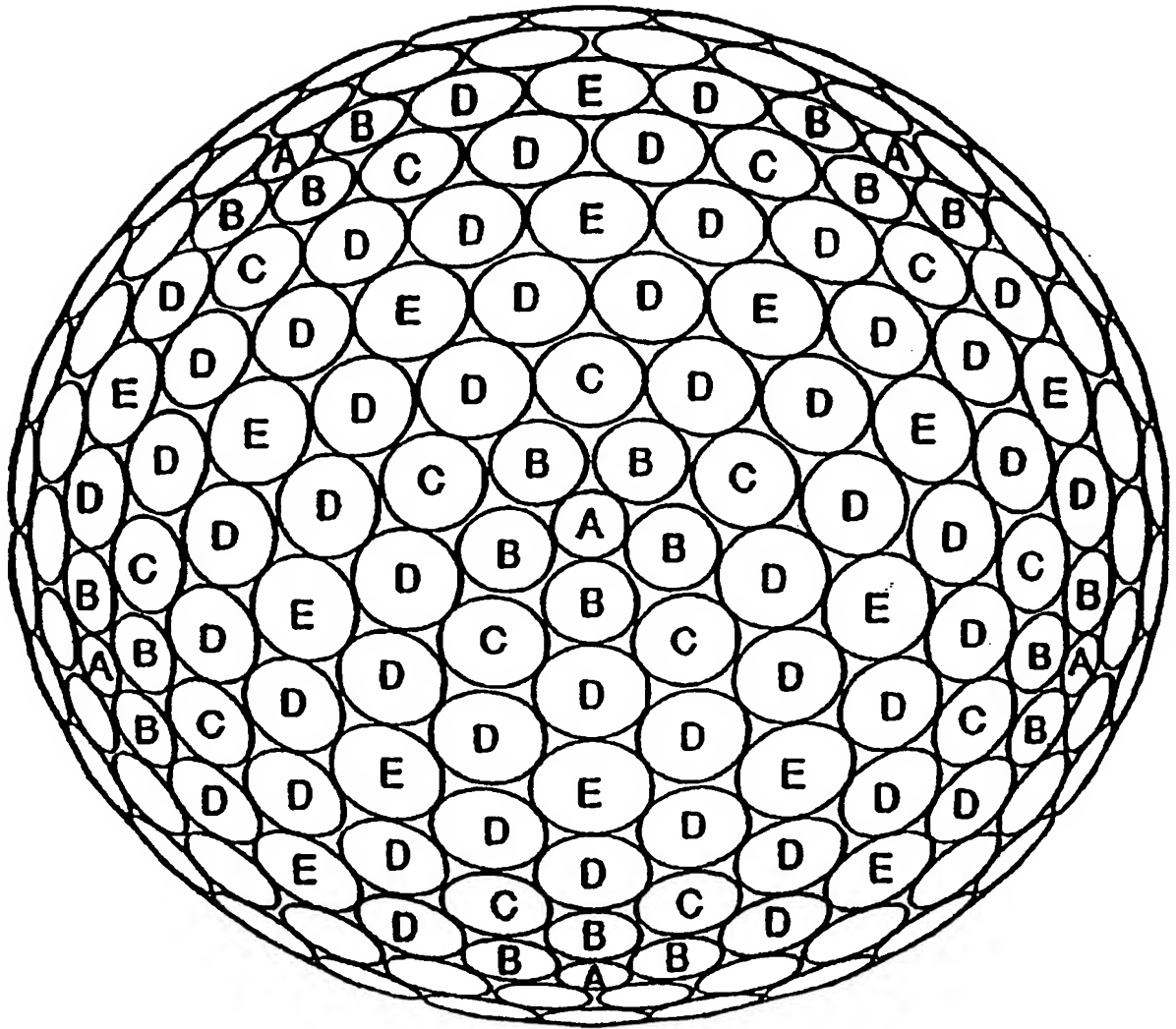


FIG. 8

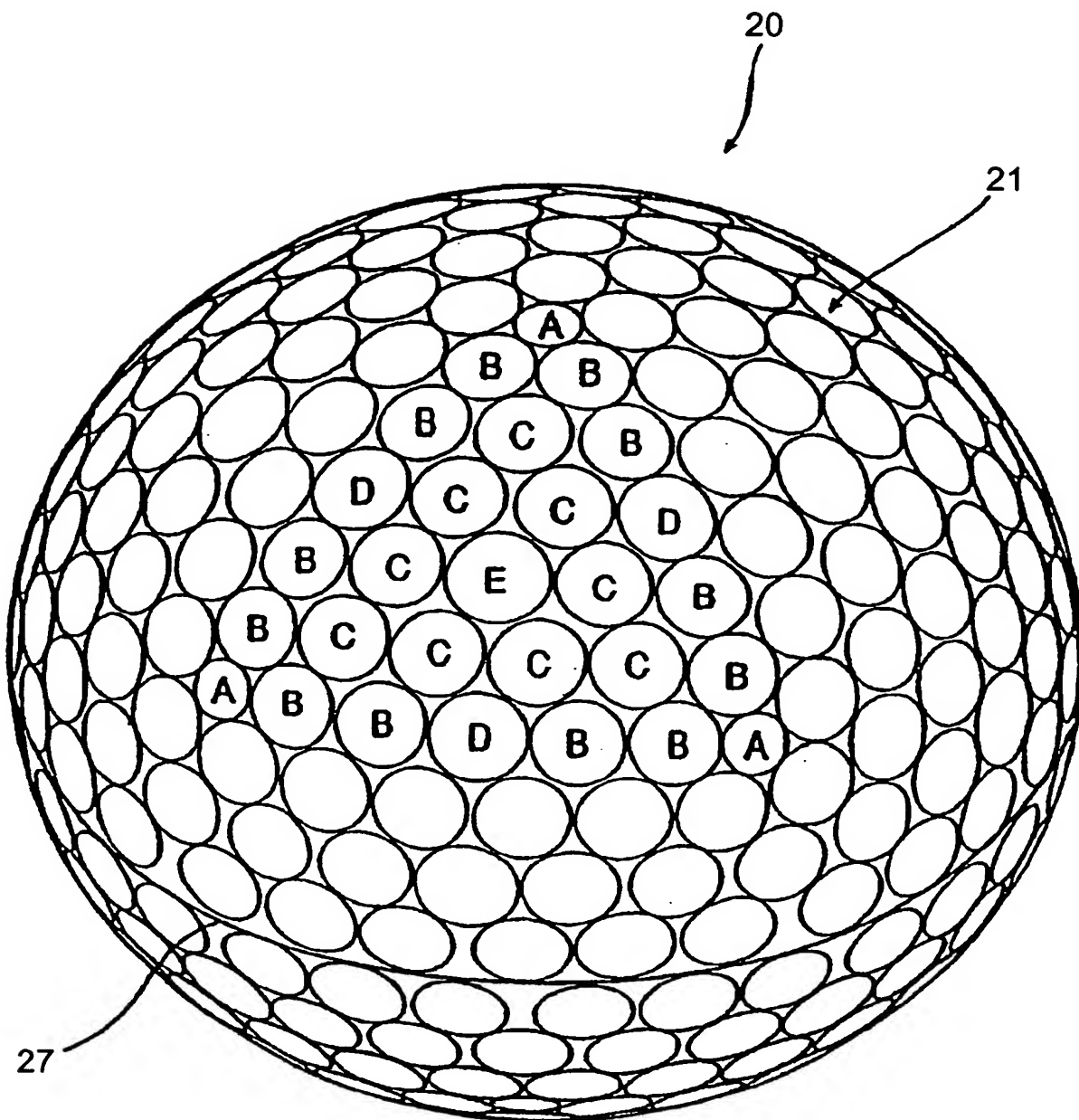


FIG. 9

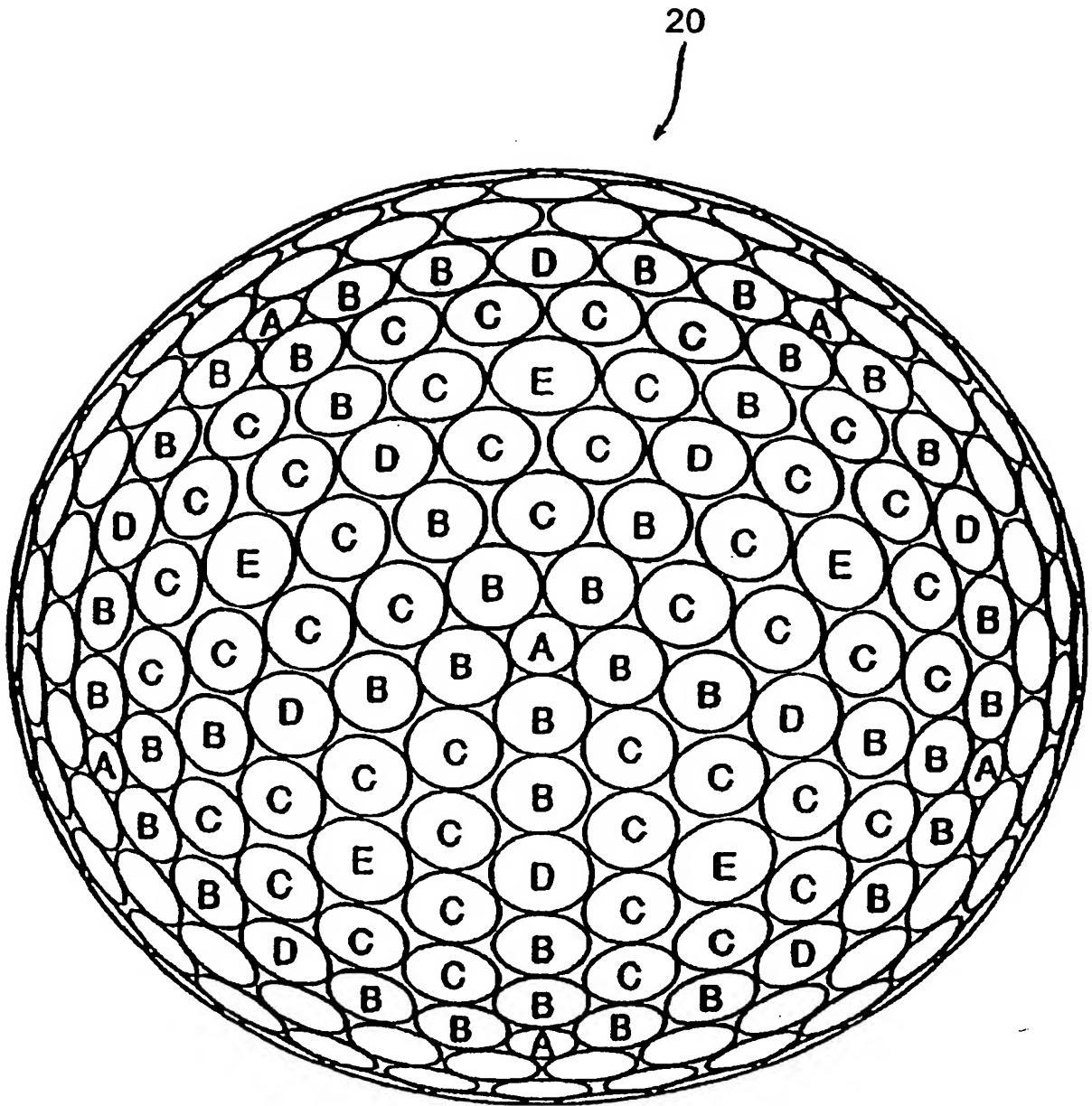


FIG. 10

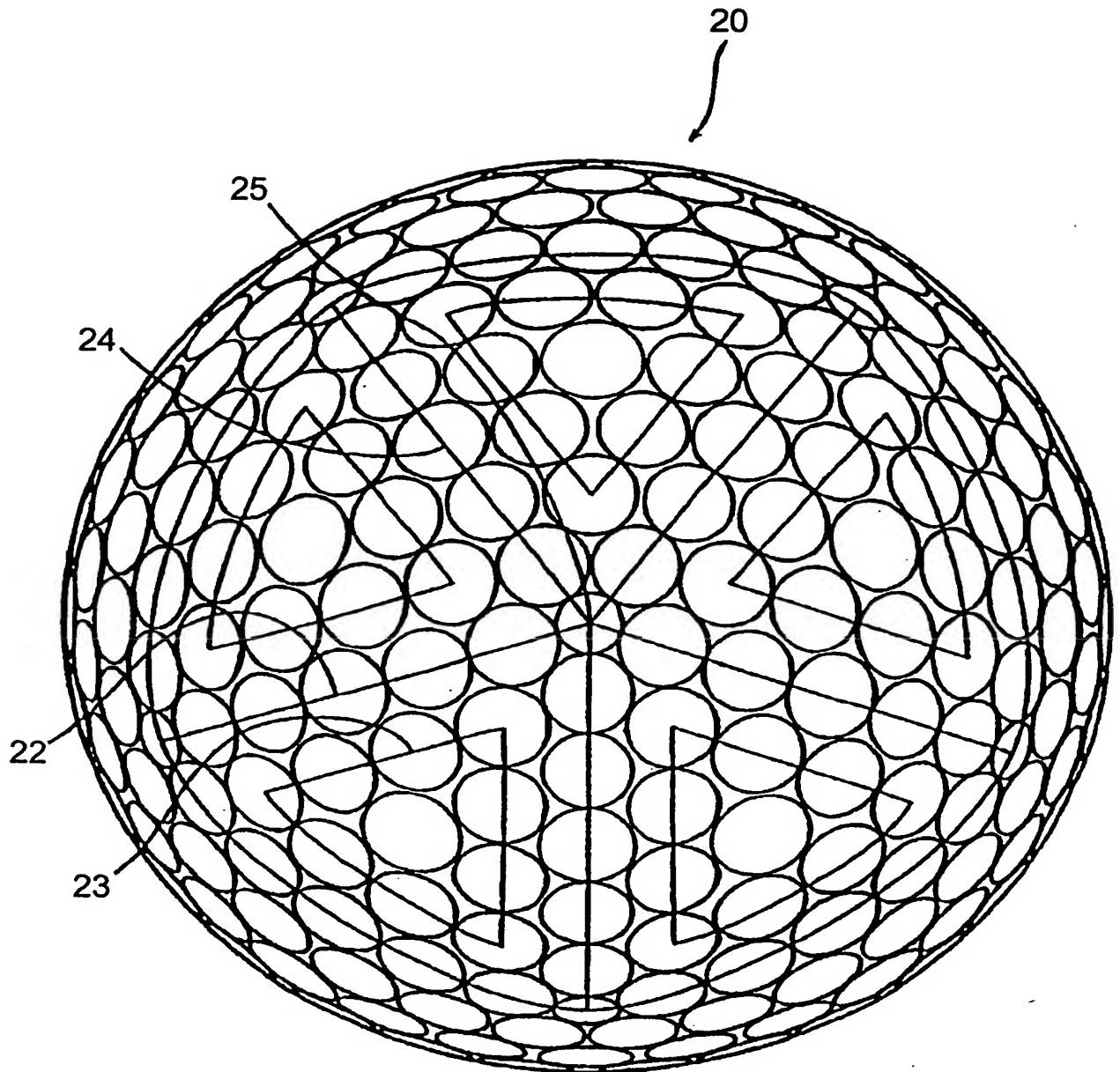


FIG. 11

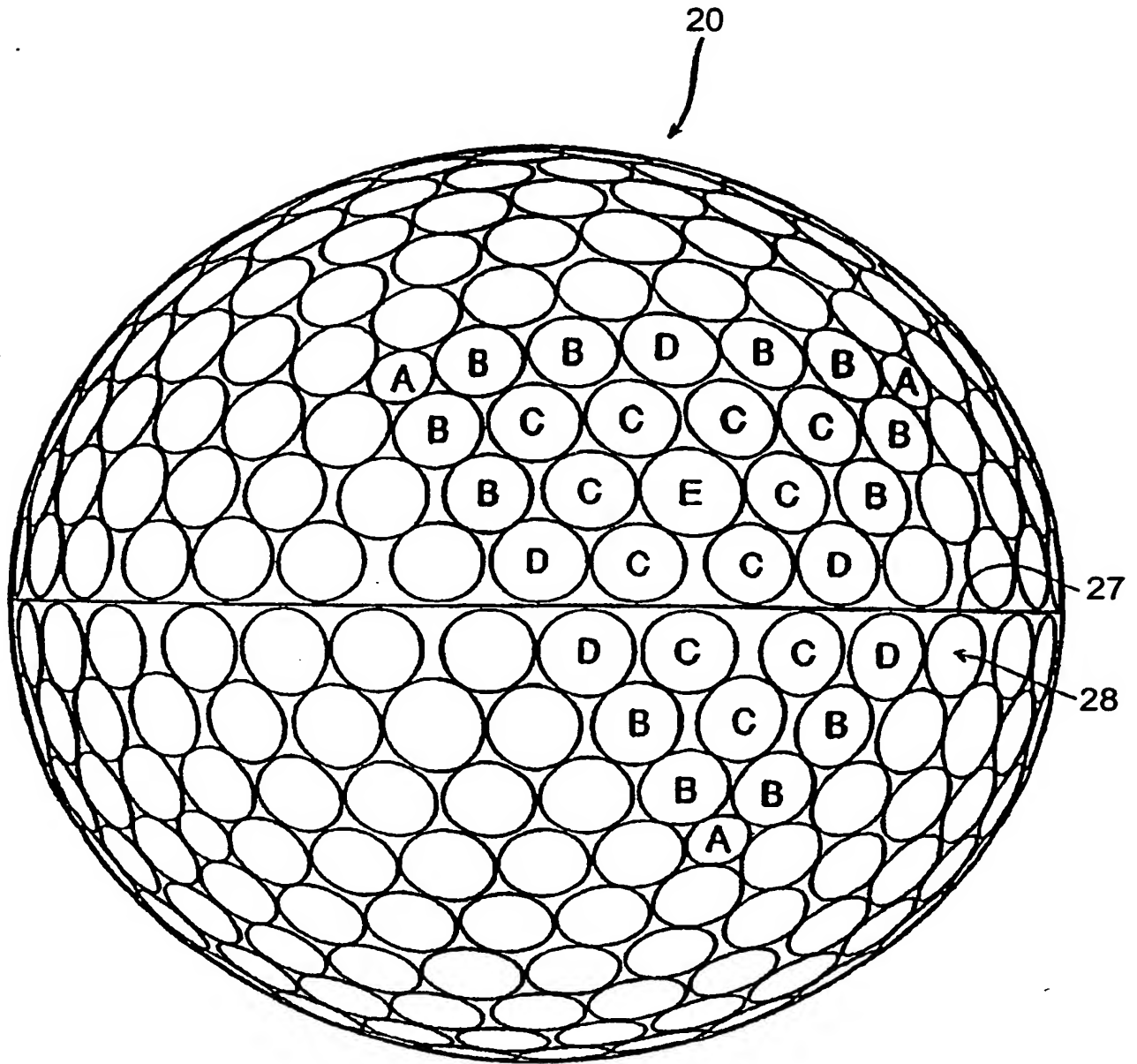


FIG. 12

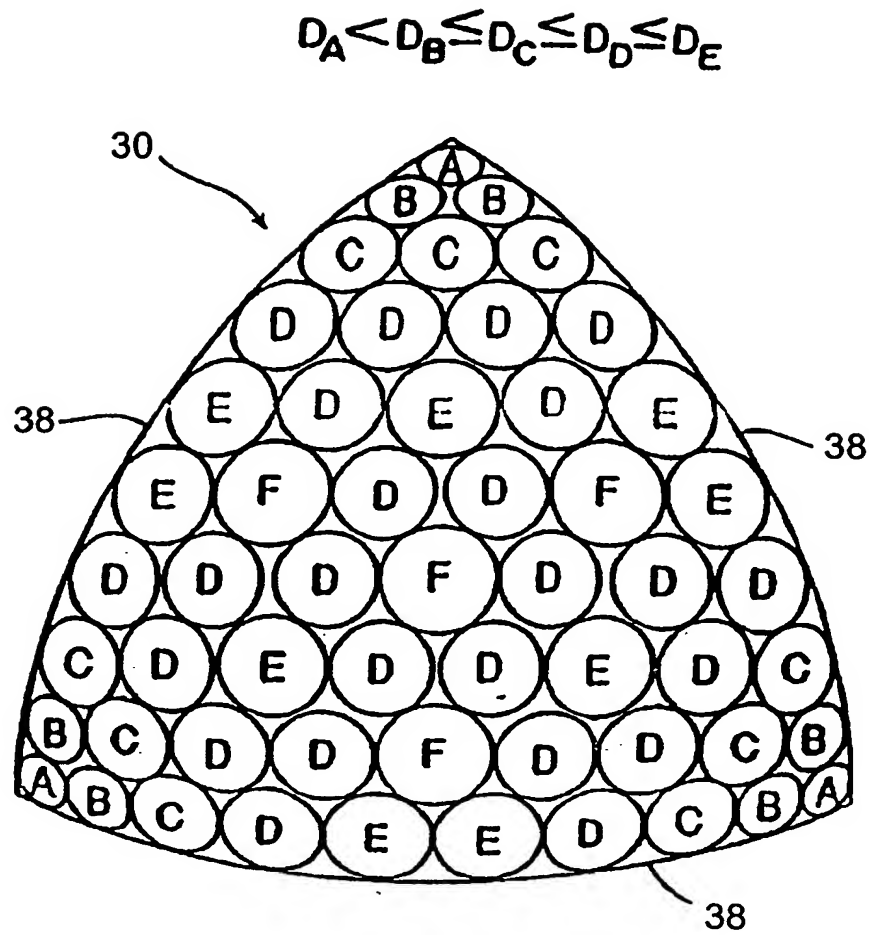


FIG. 13

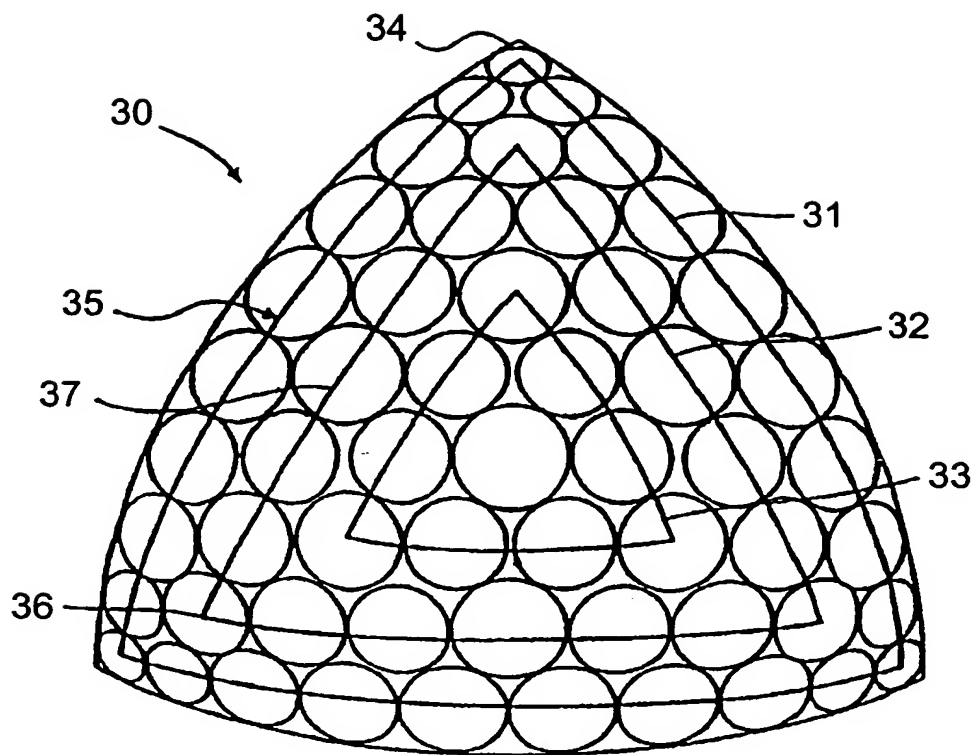


FIG. 14

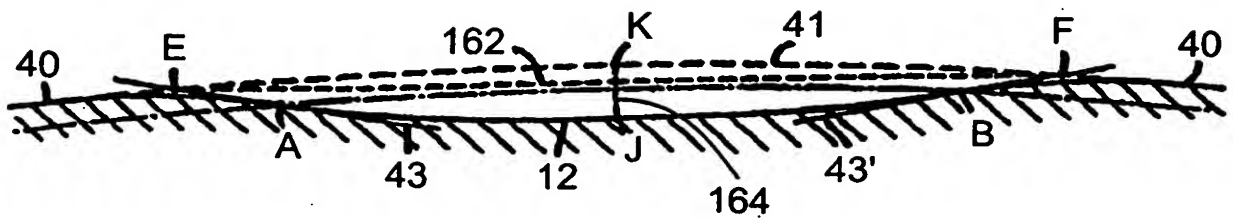


FIG. 15

COSH Dimple Profile
 $a=20$, $r=0.05$, $d=0.025$, $vr=0.51$

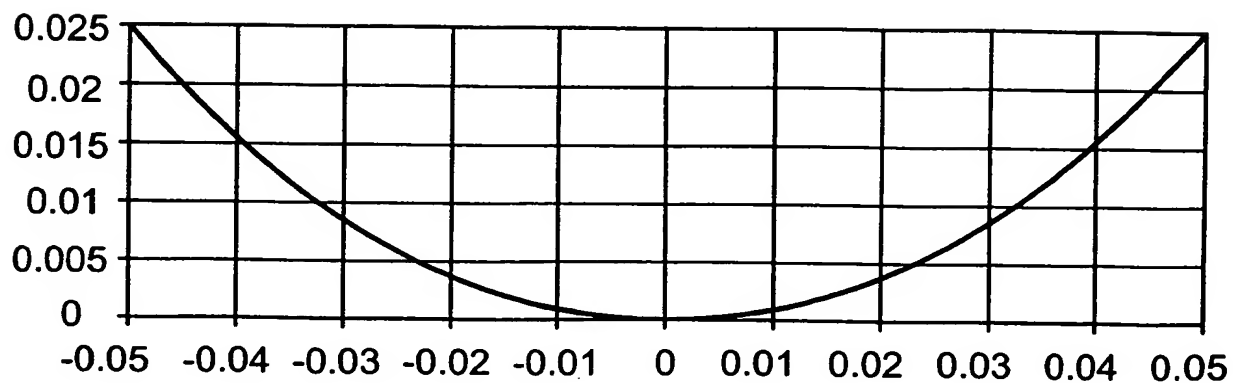


FIG. 16

COSH Dimple Profile
 $a=40$, $r=0.05$, $d=0.025$, $vr=0.55$

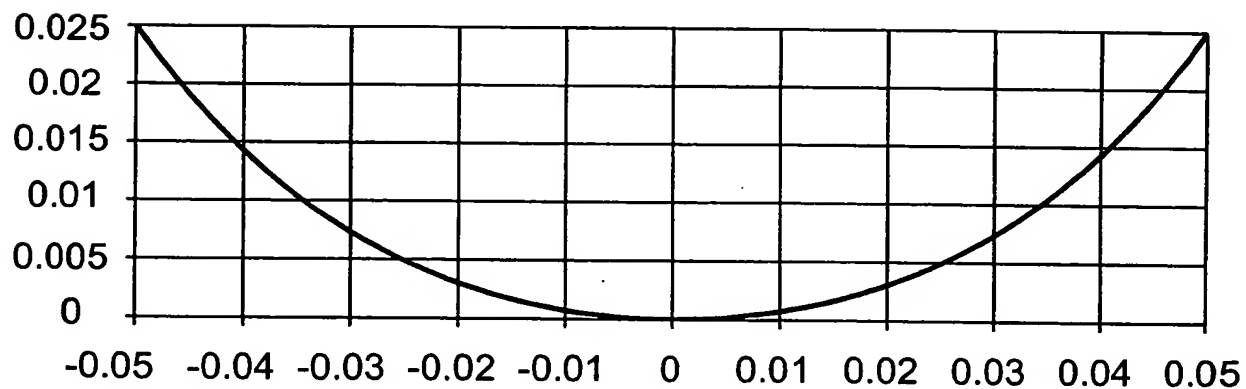


FIG. 17

COSH Dimple Profile
 $a=60, r=0.05, d=0.025, vr=0.60$

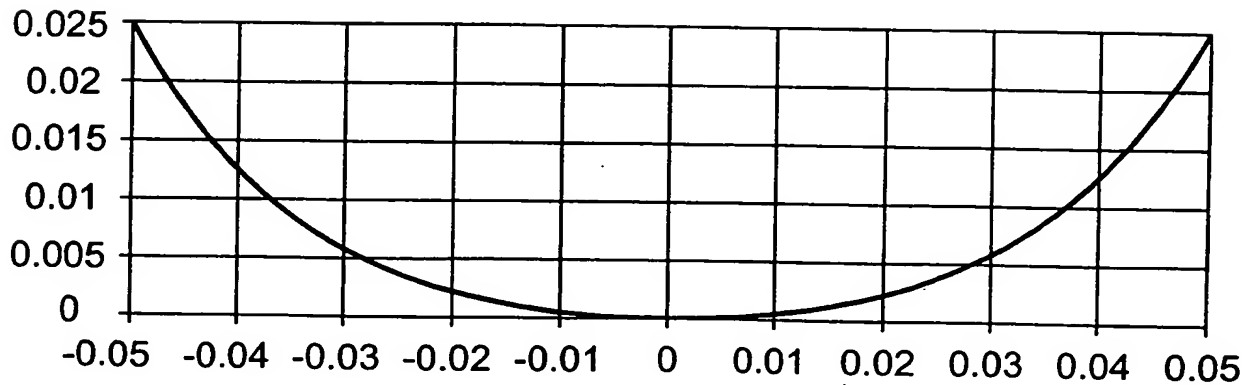


FIG. 18

COSH Dimple Profile
 $a=80, r=0.05, d=0.025, vr=0.64$

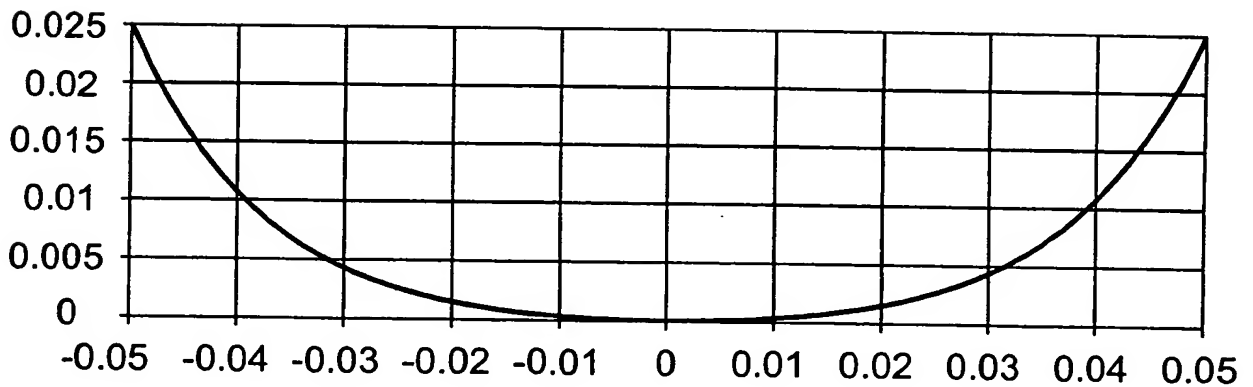


FIG. 19

COSH Dimple Profile
 $a=100$, $r=0.05$, $d=0.025$, $vr=0.69$

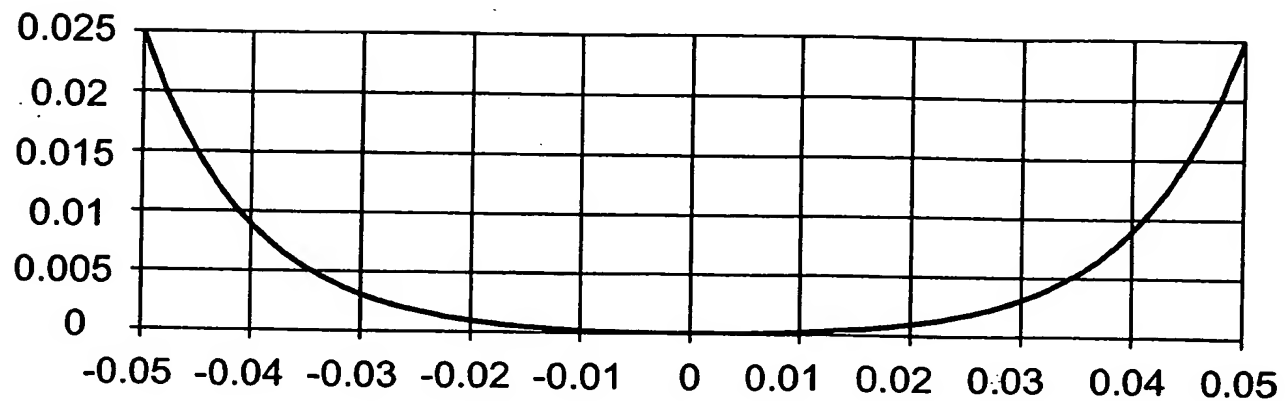


FIG. 20

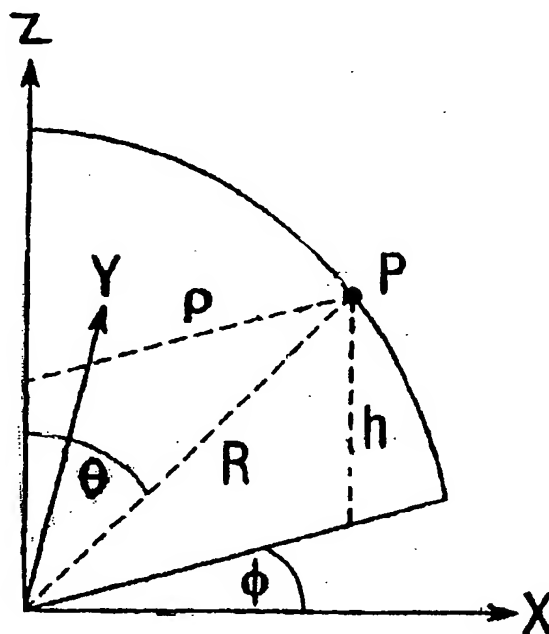


FIG. 21